In the Claims:

Claims 1-13 (cancelled).

14. (currently amended) A method for improving efficiency of a wind turbine rotor having wind turbine rotor blades comprising, providing wind turbine rotor blades with serrated trailing edges having a plurality of spanwise, periodic indentations, extending the serrations from the trailing edges into airflow behind the trailing edges on each of the wind turbine rotor blades of the wind turbine rotor, by attaching a serrated panel to a surface of each wind turbine rotor blade near an existing trailing edge and providing the serrations in the serrated panel as a retrofit on ~~an~~ existing wind turbine rotor blades, extending the serrations on each wind turbine rotor blade from the existing trailing edge of the wind turbine rotor blade into the airflow behind the existing trailing edge, providing the serrations on each ~~blade~~ of the wind turbine rotor blades at an angle different from 0 degrees relative to a blade chord, changing the angle of the serrated ~~part~~ panel passively in response to speed and angle of the airflow at the trailing edges of the wind turbine rotor blades and flexing the serrations ~~and/or~~ and the serrated panel attached to the surface of each ~~blade~~ of the wind turbine rotor blades near the existing trailing edge ~~and extending the serrations on each blade from the existing trailing edge of the blade into the airflow behind the existing trailing edge~~.

15. (currently amended) The method of claim 14, wherein the step of providing serrations comprises providing the serrations on each blade over a spanwise extent of the trailing edge having a length of between about 30 and 100 percent of a radius of the blade.

16. (currently amended) The method of claim 14, wherein the step of providing serrations comprises providing the serrations on each blade as saw-toothed serrations having approximately 60 degrees included angles between adjacent vertices.

17. (currently amended) An apparatus for improving efficiency of a wind turbine rotor having wind turbine rotor blades comprising a serrated panel ~~for~~ connected to each wind turbine rotor blade, an upper and a lower surface on each panel, a plurality of span-wise, periodic indentions on each ~~blade~~ panel, means for connecting the serrated panel to a trailing edge on each ~~blade~~ of the wind turbine rotor blades of the wind turbine rotor such that the serrated panel extends from the trailing edge into airflow behind the trailing edge on each wind turbine rotor blade of the wind turbine rotor, the serrations on each wind turbine rotor blade having an angle different from 0 degrees relative to a mounting surface on each ~~blade~~ of the wind turbine rotor blades of the wind turbine rotor, wherein the serrations ~~and/or~~ and each of the serrated panels have a given stiffness allowing for an angle of the serrations to change passively in response to speed and angle of the airflow at the

trailing edge of each ~~blade~~ of the wind turbine rotor blades due to flexing of the serrations ~~and/or~~ and the serrated panel.

18. (currently amended) The apparatus of claim 17, wherein the serrations on each ~~blade~~ of the wind turbine rotor blades extend along a spanwise extent of the trailing edge having a length of between about 30 and 100 percent of a radius of the blade.

19. (currently amended) The apparatus of claim 17, wherein the serrations are saw-toothed serrations having approximately 60 degrees included angles between adjacent vertices.

20. (currently amended) The apparatus of claim 17, wherein the serrated panel further comprises saw-toothed serrations having approximately 60 degrees included angles between adjacent vertices.